CLAIMS

What is claimed is:

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1. An interface device having a video BIOS component, comprising:

a substrate for implementing a mother board connection and implementing a GPU (graphics processor unit) connection; and

a video BIOS component mounted on the substrate for providing video BIOS functions for the computer system.

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- 2. The interface device of claim 1 further comprising:
- a GPU mounted on the substrate with the video BIOS component.
- 3. The interface device of claim 2 further comprising:
- a DRAM component mounted on the substrate with the GPU and the video BIOS 15 component.
 - 4. The interface device of claim 2 further comprising:
- a plurality of DRAM components mounted on the substrate, wherein the GPU is mounted in a flip chip configuration. 20
 - 5. The interface device of claim 2 wherein the video BIOS component programmed in accordance with a type of the GPU.
- 6. The interface device of claim 1 wherein the substrate includes a plurality of 25 circuits for interfacing the video BIOS component with the GPU connection.

7. A GPU interface device, comprising:

a substrate for coupling a GPU to a PCB (printed circuit board), the substrate having a first interface for a connection to the GPU and a second interface for a connection to the PCB, the first interface having a customizable attachment footprint for implementing a connection to differing GPU types while maintaining the second interface for the connection to the PCB; and

a video BIOS component for providing video BIOS functions, wherein the video BIOS chip is programmed to support a version of the GPU.

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- 8. The GPU interface device of claim 7 wherein the customizable attachment footprint of the first interface includes a plurality of ground balls configured to support high-speed signaling of a GPU.
- 9. The GPU interface device of claim 7 wherein the second interface is configured to support at least two DACs for a plurality of displays.
 - 10. The GPU interface device of claim 7 wherein the second interface is configured to support a digital video output for a digital display.

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- 11. The GPU interface device of claim 7 wherein the differing GPU types are identical GPU integrated circuits and differing amounts of memory.
- 12. The GPU interface device of claim 7 wherein the substrate includes a plurality of circuits for coupling the video BIOS component with the first interface for the differing GPU types.

- 13. A computer system having a combined GPU video BIOS package, comprising:
 - a motherboard for mounting a plurality of integrated circuit components;
 - a GPU package adapted to connect to the motherboard;
- a GPU included in the GPU package for providing graphics processor functions for the computer system; and

a video BIOS chip included in the GPU package for providing video BIOS functions for the computer system, wherein the video BIOS chip is programmed to support a version of the GPU.

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- 14. The computer system of claim 13 further comprising:
- an interface adapted to couple to the GPU package and implement a connection between the GPU package and the motherboard.
- 15. The computer system of claim 13 further comprising:
 a substrate for mounting the GPU and the video BIOS component.
 - 16. The computer system of claim 15 further comprising:
- a DRAM component mounted on the substrate with the GPU and the video BIOS component.
 - 17. The computer system of claim 15 further comprising:
 - a plurality of DRAM components mounted on the substrate, wherein the GPU is mounted in a flip chip configuration.

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18. The computer system of claim 13, wherein the video BIOS is programmed for the GPU when the GPU package is manufactured.